

ABSTRACT OF THE DISCLOSURE

[0042] Described are surgical tools, including tool drivers and implantation instruments, that provide improved visual and positional access to human acetabulum. Some embodiments include a conduit with multiple bends to circumvent soft tissue surrounding the acetabulum. The conduits may employ a number of interlocking, rotational links to transfer torque from a drive end of the tool to a bit end. In one embodiment the bit end supports an attachment actuator that securely engages a conventional acetabular cup for insertion and placement. The attachment actuator can release the cup without moving the body of the tool, which prevents accidental dislodging of a properly placed acetabular cup.